Date: 09/20/04

ATTY. DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE APPLICATION NO. REV. BOE PATENT AND TRADEMARK OFFICE 480208.401C3 10/782,738 APPLICANTS Andreas H. Sarris et al. NFORMATION DISCLOSURE STATEMENT SEP 0 7 2004 (Use several sheets if necessary) FILING DATE **GROUP ART UNIT** 1615 February 18, 2004 (ADENOS) U.S. PATENT DOCUMENTS FILING DATE •EXAMINER DOCUMENT NUMBER CLASS SUBCLASS DATE INITIAL 01/29/80 424 38 Steck et al. 4,186,183 AA 4,217,344 08/12/80 Vanlerberghe et al. 424 60 AΒ 424 19 AC 4,235,871 11/25/80 Papahadjopoulos et al. 89 4,261,975 04/14/81 Fullerton et al. 424 AD 4.6 11/27/84 264 4,485,054 Mezei et al. ΑE 02/26/85 Geho et al. 424 38 4,501,728 ΑF 9 424 Geho et al. AG 4,603,044 07/29/86 Martin et al. 264 4.3 4,737,323 04/12/88 AH 424 85.5 4,774,085 09/27/88 Fidler AI 06/06/89 424 450 4,837,028 Allen FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY WIPO WO 91/17424 11/14/91 OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Bloomfield, V., "Quasi-Elastic Light Scattering Application in Biochemistry and Biology," AL. Ann. Rev. Biophys. Bioeng. 10:421-450, 1981. Deamer, D. et al., "Larger Volume Liposomes by an Ether Vaporization Method," Biochim. AM et Biophys. Acta 443:629-634, 1976. Dumontet, C. et al., "Mechanisms of Action of and Resistance to Antitubulin Agents: AN Microtubule Dynamics, Drug Transport, and Cell Death," J. Clin. Oncol. 17(3):1061-1070, March 1999. Fraley, R. et al., "Entrapment of a Bacterial Plasmid in Phospholipid Vesicles: Potential for AO Gene Transfer," Proc. Natl. Acad. Sci. USA 76(7):3348-3352, July 1979. Gruner, S., Liposomes - from Biophysics to Therapeutics, Marcel Dekker, Inc., New York, AΡ Ch. 1, "Materials Properties of Liposomal Bilayers," pp. 1-38. **EXAMINER** DATE CONSIDERED 12/12/05 * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant(s).

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U.S. PATENT DOCUMENTS									
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In	ва 4,885,172		12/05/89	Bally et al.		424	417		
	ВВ	4,946,787	946,787 08/07/90 Eppstein 6		et al.	435	240.2		
	BC.	4,952,408	08/28/90	Rahman		424	450		
	BD	4,957,773	09/18/90	Spencer et al.		427	39		
	BE	5,059,421	10/22/91	Loughrey et al.		424	417		
	BF	5,077,056	12/31/91	Bally et al.		424	450		
	BG	5,165,922	11/24/92	Hellstrom et al.		424	85.8		
	вн	5,171,578	12/15/92	Bally et al		424	450		
	BI	5,543,152	08/06/96	Webb et a	1.	424	450		
Jan J	BJ	5,567,592	10/22/96	Benet et a	1.	435	7.21		
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DOCUMENT NUMBER			DATE COUNTRY				TRANSLATION YES NO		
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
Heath T "Covalent Attachment of Proteins to Liposomes" Methods in Enzymology								ology	
hr.		149:111-119							
	ВМ	Hope, M. et al., "Production of Large Unilamellar Vesicles by a Rapid Extrusion Procedure. Characterization of Size Distribution, Trapped Volume and Ability to Maintain a Membrane							
		Potential," Biochim. et Biophys. Acta 812:55-65, 1985.							
	BN	Hope, M. et al., "Generation of Multilamellar and Unilamellar Phospholipid Vesicles,"							
		Chemistry and Physics of Lipids 40:89-107, 1986.							
	ВО	Hudson, W. et al., "Xenotransplantation of Human Lymphoid Malignancies is Optimized in Mice with Multiple Immunologic Defects," <i>Leukemia</i> 12:2029-2033, 1998.							
1(N	вр	Kluin-Nelemans, H. et al., "A New Non-Hodgkin's B-Cell Line (DoHH2) with a							
<u></u>		Chromosoma	al Translocat	ion t(14;18) (q32;q21)," Leukemie	a 5(3):	221-224, Marc	h 1991.	
EXAMINI	K	Kurly			DATE CONSIDERED	105			
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Date: 09/20/04

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1/2	1 200.756		01/21/97	Bally et al.		424	450			
	СВ	5,714,163	02/03/98	Forssen et al.		424	450			
	сс	5,736,155 04/07		Bally et al.		424	450			
	CD	5,741,516	04/21/98	Webb et al.		424	450			
	CE	5,814,335	09/29/98	Webb et al.		424	450			
	CF	5,820,873	10/13/98	Choi et al	•	424	283.1			
	CG	5,837,282	11/17/98	Fenske et al.		424	450			
	СН	5,885,613	03/23/99	Holland e	t al.	424	450			
1iv	CI	6,320,017	11/20/01	Ansell		528	310			
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СЈ										
		отня	R PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	ges, Etc.)				
King, R.E., Remington's Pharmaceutical Sciences, 17th Ed., Mack Publishing Co.,										
lu		Philadelphia, PA, 1985, Part 8, "Pharmaceutical Preparations and Their Manufacture," pp.								
1		1409-1677. Leonetti, J-P. et al., "Antibody-Targeted Liposomes Containing Oligodeoxyribonucleotides								
	CL	Complementary to Viral RNA Selectively Inhibit Viral Replication," <i>Proc. Natl. Acad. Sci.</i>								
		USA 87:2448-2451, April 1990.								
	СМ	Mayer, L. et al., "Vesicles of Variable Sizes Produced by a Rapid Extrusion Procedure,"								
		Biochim. et Biophys. Acta 858:161-168, 1986.								
	CN	Merck Index, 11 th ed. 1989, Entry nos. 9887, 9891, & 9893.								
1	со	Renneisen, K. et al., "Inhibition of Expression of Human Immunodeficiency Virus-1 in Vitro								
W	by Antibody-Targeted Liposomes Containing Antisense RNA to the env Region," J. Biol.									
EVAMBIT		Chem. 265(2	7):16337-16	342, Septer	mber 1990. DATE CONSIDERED		1			
EXAMINER DATE CONSIDERED 12/12/05										
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U.S. PATENT DOCUMENTS											
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M	DA	08/316,394		Ansell		·			09/30/94		
Im	DB	08/316,407		Holland e	Holland et al.					09/30/94	
1.1	DC	08/99.6,783		Ansell					12/23	/97	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
1								nid Vesicle	29		
m	Szoka F., "Comparative Properties and Methods of Preparation of Lipid Vesicles (Liposomes)," Ann. Rev. Biophys. Bioeng. 9:467-508, 1980.										
4	DP		Williams, K. et al., "Low Density Lipoprotein Receptor-Independent Hepatic Uptake of a								
100		Synthetic, Cholesterol-Scavenging Lipoprotein: Implications for the Treatment						of Rec	eptor-		
O G	Deficient Atherosclerosis," Proc. Natl. Acad. Sci. USA 85:242-246, January 1988.								-		
	DQ			<u>, </u>							
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